

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2002-031627

(43)Date of publication of application : 31.01.2002

(51)Int.Cl.

G01N 30/86

G01N 30/80

(21)Application number : 2000-214122

(71)Applicant : SHIMADZU CORP

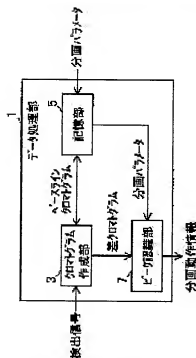
(22)Date of filing : 14.07.2000

(72)Inventor : IWATA YOUSUKE

## (54) PREPARATIVE LIQUID CHROMATOGRAPH

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To fractionate a target sample component in analysis wherein a base line level fluctuates with good reproducibility.  
**SOLUTION:** Only a mobile phase is allowed to flow under the same analyzing condition as actual analysis and a base line chromatogram is obtained on the basis of the detection signal at this time by a chromatogram forming part 3 to be stored in a memory part 5. The actual analysis is started and the chromatogram forming part 3 reads the base line chromatogram from the memory part 5 and subtracts the detection signal value in the base line chromatogram, which corresponds to the successively obtained detection signal value of a detector, from the detection signal value of the detector to successively form a difference chromatogram. The fluctuation of the base line level is small in the difference chromatogram. A peak recognition part 7 reads a preset fractionation signal level and a fractionation signal inclination value from the memory part to recognize a peak in the successively formed difference chromatogram.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]